



## PATENT ABSTRACTS OF JAPAN

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## (54) ON-VEHICLE VISUAL DEVICE

## (57) Abstract:

**PURPOSE:** To improve the operability and safety of vehicle driving by forming the photographic element of a rear visual video camera into the laterally reverse scanning type one, and displaying the image of a front visual video camera on an image display device at the time of a shift lever being in a forward mode, while displaying the image of the rear visual video camera on the image display device at the time of the shift lever being in a backward mode.

**CONSTITUTION:** The image pickup element 3b of a rear visual video camera 3 is a laterally reverse scanning type image pickup element, so that photoelectrically transferred signals are read in the laterally reverse order from the ones read by an ordinary image pickup element. A video signal from a front visual video camera 1 or the rear visual video camera 3 is switched by a switch 6 to be displayed on a monitor television 4. The image of the front visual video cam-

era 1 is displayed on the monitor television 4 when a shift lever 5a is in a drive mode D, a second mode 2 or a low mode L, and the image of the rear visual video camera 3 is displayed on the monitor television 4 when the shift lever 5a is in a back mode B.

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